

Review Form 3

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|--------------------------|---|
| Journal Name: | Annual Research & Review in Biology |
| Manuscript Number: | Ms_ARRB_122911 |
| Title of the Manuscript: | AI in Reproductive Biology: Transforming Fertility Assessment, ART, and Research |
| Type of the Article | |

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|--|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This review delves into the multifaceted impact of AI across these domains, emphasizing its potential to enhance personalized care and advance scientific understanding. In the realm of fertility assessment, AI algorithms offer predictive capabilities that enable clinicians to anticipate the success of fertility treatments with greater accuracy. By analyzing vast datasets encompassing patient demographics, medical history, and biomarkers, | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Suitable | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Yes | |
| Are subsections and structure of the manuscript appropriate? | Yes | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | This review delves into the multifaceted impact of AI across these domains, emphasizing its potential to enhance personalized care and advance scientific understanding. In the realm of fertility assessment, AI algorithms offer predictive capabilities that enable clinicians to anticipate the success of fertility treatments with greater accuracy. By analyzing vast datasets encompassing patient demographics, medical history, and biomarkers, | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | references sufficient and recent | |
| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | Suitable | |
| Optional/General comments | Overall good | |

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PART 2:

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|--|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|---|
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| Department, University & Country | Sri Balaji Vidyapeeth (Deemed to be University), India |